

From boatanchors@theporch.com Thu Jan 26 14:39:14 1995
Date: Thu, 26 Jan 1995 11:10:28 -0600
Message-Id: <199501261711.KAA18880@atd.atd.ucar.EDU>
From: owens@stout.atd.ucar.edu (Chip Owens)
Subject: AM rigs driving linear amplifiers

Greetings!

Recent discussion of this subject has me wondering....
Is there any technical reason that an AM transmitter driving
a class "B" linear amplifier (properly adjusted) can't sound
just as good as an equivalent powered high-level plate-modulated
AM transmitter? I sure don't know the answer but would like to
have input from those who have experience with this idea.

Thanks!
James Owens, NW00
owens@stout.atd.ucar.edu

From boatanchors@theporch.com Thu Jan 26 15:46:21 1995
Date: Thu, 26 Jan 1995 12:21:08 -0600
Message-Id: <199501261821.LAA00479@Freenet.HSC.Colorado.EDU>
From: al511@freenet.hsc.colorado.edu (Robert Neece)
Subject: Re: AM rigs into linear amps.

Hello Dave (WB0GAZ),

You write:

>If you plate modulate the henry, you'll get effective plate voltage
>peaks up to 2x the DC voltage (example 7.6 kv peak on a 3.8 kv dc
>plate voltage).

Perhaps even more, Dave. With negative-cycle peak clipping on the
audio, it is possible to modulate to 140% or so on the positive side
of the AM envelope with acceptable levels of distortion.

>Now the 7.6kv peak that would occur on a modulation peak
>would cause a _big_ amount of RF power (4x the "idling" carrier power),
>and there would be the 2x increase in RF voltage at the plate.

That's the objective!

>My concern would be toasting/arcing the tank components.

Not an injudicious concern to have.

>I'm concerned

>about this because I just got done rebuilding an old BTI LK-2000 amp
>where the prior owner had substituted a peter dahl plate transformer,
>increasing the plate voltage from about 3.3kv to 3.8kv. The increase
>makes the amp a neat 2kw output (from a 3-1000Z), but in the process he
>toasted the output bandswitch _bigtime_. I just got done replacing the
>output bandswitch with a set of small vacuum relays driven from a diode
>matrix (the orig. switch unobtainium) and the amp now does work great,
>but it did give me a lesson on tank sizing vs. plate voltage.

Are you certain that a 500 V increase in B+ was the source of the
bandswitch failure? Many bandswitches that are hefty enough to carry the
current generated in a kW amp. will handle 20 kV. I would suspect excess
circulating current as the cause of the switch failure before I'd
conclude that a marginal voltage increase was the culprit.

That's not to say that overvoltage issues should be ignored. My preferred
bandswitch is a large one built by Radio Switch of New Jersey. It is
big enough alone to fill an entire SB-220 RF compartment! Can you
say "50 kV"? With that sort of switch, one's concern is not failure
but, rather, the introduction of enough stray capacitance in the tank
circuit to make it difficult to obtain a reasonable Q on 10 meters.

I like your relay solution on the BTI. Be careful, though. "Small"
vacuum relays may handle boo-koo voltage but be light in current-
carrying capacity.

As to the Henry itself, the tank circuit is tuned by a roller
inductor, and the bandswitch changes bands by selecting *fixed*
(and *large*) doorknob capacitors. The bandswitch is not a rotary
wafer job. It consists of cam-driven arms with huge, silver
contacts on the ends. It should be good, both as to current and
as to voltage, for 10 kW. If the doorknobs blow, the solution is
to put in even bigger ones or, perhaps, fixed-value vacuum caps.
Now, don't chastise me for advocating destructive testing as one's
primary approach to RF engineering!

>I _like_ your idea... I'm really into mad-scientist projects, and if
>you ever resume this scheme and want some assistance (if you're in the
>denver area...) I'd sure enjoy watching the thing go! (make that glow!)

I work in downtown Denver. Let's get together for a chat one day
soon.

--

73 de Bob, K0KR

From boatanchors@theporch.com Thu Jan 26 17:13:35 1995

Date: Thu, 26 Jan 1995 13:41:45 -0600
Message-Id: <199501261944.MAA00523@Freenet.HSC.Colorado.EDU>
From: al511@freenet.hsc.colorado.edu (Robert Neece)
Subject: Re: AM rigs into linear amps.

Kevin Anderson writes:

>"With the new restrictions on AM power output in the
>ham bands..." ??? What do you mean hear?
>
>Isn't AM limited to 1,500 watts as all the rest?

The answer is yes. AM is limited to 1.5 kW PEP
output.

The historical power limit for AM, though, was 1 kW
input to the final. By historical, I mean a power
regulation that had been in effect for roughly 70 years.
Under this reg., a kW meant a kW of *carrier* input.
With 100% plate modulation, this resulted in 4 kW PEP input
With, say, 65% efficiency in the output circuits,
this would produce 2.6 kW PEP out.

When the 1.5 kW PEP output reg. was promulgated, the
AM mode was granted a temporary exception. Under the
exception, AM power continued to be limited by the
historical 1 kW carrier input rule. The exception
expired a few years ago.

As a result, a Johnson 500 is capable of the full,
current amateur limit on AM, and a Johnson Valiant
can come within 2 to 3 dB of the limit. The
glorious, big, "full-gallon" AM rigs such as the
Collins KW-1 and the Johnson Kilowatt have become,
therefore, relics of another age. They can no longer
legally be used to their design potential on the ham
bands. Some of those rigs work reasonably well at
reduced power, and some do not (or must be modified to
work properly at reduced power).

One esoteric exception: The KW-1 was rated at only
500 W on 160 meters. Accordingly, it can run near
its design potential on that band even under the
current regs.

--

73 de Bob, K0KR

From boatanchors@theporch.com Thu Jan 26 06:10:29 1995
Date: Thu, 26 Jan 1995 03:24:38 -0600
Message-Id: <Pine.3.89.9501260457.A8524-0100000@grog>
From: GALBRAITH CHRISTOPHER <99galbra@lab.cc.wmich.edu>
Subject: Audio and cap. questions...

Hey everyone,
My latest projects have been a Viking II and a Ranger I-mostly checking resistance values and changing out filter and audio caps; I guess what you'd call preventative BA maintenance.

Per the (much appreciated) advice of all the knowledgable folks on the list, I've been able to track down some pesky anomalies that have usually been due to a faulty paper-wax or HV disc cap.

Here are some more questions,
What are the effects of increasing the value of audio coupling caps, say going from the original .003uF or 500pF to .01 or .1uF? I've been told that this opens up the bass response of the AF stage. Since I'm not running high power, I'd like to compromise between hi-fi and intelligability ('communications quality').

What is the effect of the, say 300pF, cap which shorts the mic input to ground? I believe its job is to kill any RF on the mic input. Does lowering or raising this value do anything to the audio response?

I've heard mention of having a 1megohm input impedance for a crystal mic such as the D104 being beneficial in bringing up the treble response. On both the Viking II and Ranger I, the input resistor (the first one the mic signal sees) is 4.7k. The other side of that resistor goes to the grid of the 6AU6 or 12AX7, and also to a 1meg resistor to ground. I haven't measured it, but it seems that the input impedance would be much less than 1megohm. Would I be getting more treble response by replacing the 4.7k resistor with, say, a 1meg one?

Lastly, the HV disc across the Viking II mod. secondary was faulty, causing almost 0 modulation, and the Ranger needs the audio gain almost full boar for 100% modulation, leading me to think that the same capacitor (or another one in the audio stage) is causing some serious signal loss. I plan to go through and replace the Ranger's caps just to see. The questions are (1), does the value of that cap (across the mod. transformer secondary) have any audio effects (higher value=treble cut, etc..)? and (2) would it be beneficial to replace it with a 1600v poly cap instead of a disc (in the Viking) or tubular (in the Ranger)? It seems that the discs have inherently bad characteristics for audio (more distortion). Am I right in assuming that polys would be both better for the audio and more reliable than discs or tubulars? What is the purpose

of this cap anyhoo?

Thanks again for all the help and enlightenment. This list is so much more educational than just trial and error (I usually have a disproportionate error count)--maybe it's that we all can learn from others' experiments.

73, Chris KA8WFC

From boatanchors@theporch.com Thu Jan 26 11:48:07 1995
Date: Thu, 26 Jan 1995 08:04:58 -0600
Message-Id: <9501260700.aa14569@jackatak.theporch.com>
From: Fire Bottle archive handler <firebotl@jackatak.theporch.com>
Subject: Audio and cap. questions...

Chris-

Although I am *NOT* an audio engineer, common sense and basic theory will go a long ways towards answering your questions...

> What are the effects of increasing the value of audio coupling caps, say
> going from the original .003uF or 500pF to .01 or .1uF?
Remember that capacitance is *INVERSELY* proportional to frequency.
The higher the frequency, the more is coupled across a given capacitor
value. By increasing the value of the cap, you permit more lows...

That said, you must be wary of *too much coupling* which will
over-emphasize the audio lows, *AND* couple undesired RF and other
distortion creators...

> What is the effect of the, say 300pF, cap which shorts the mic input to
> ground? I believe its job is to kill any RF on the mic input.
Exactly. See the first principle (above) about capacitance and
frequency. A "small" value cap will couple the RF to ground, and not
roll off the high end *audio*.

Too low value will render the cap ineffective at doing its job, and
too great a value will couple EVERYTHING... a compromise is required,
and 100-300pF is a generally accepted value in Vintage Rigs. (Whose
audio development has FAR more potential than that of a ricebox
SlopBucket rig...

> Does lowering or raising this value do anything to the audio response?
See above...

> both the Viking II and Ranger I, the input resistor (the first one the
> mic signal sees) is 4.7k. The other side of that resistor goes to the

> grid of the 6AU6 or 12AX7, and also to a 1meg resistor to ground. I
> haven't measured it, but it seems that the input impedance would be much
> less than 1megohm.
Probably on the order of 50K

> {the effect of} response by replacing
> the 4.7k resistor with, say, a 1meg one?
Ohm's Law... it will decrease your input signal strength, and require
that you run the gain higher, which will move you up the "linear"
portion of the I/P curve on the audio stage tubes, introducing
distortion *AND* "thinning" your audio... by emphasizing the highs and
blocking the lows...

> Lastly, the HV disc across the Viking II mod. secondary was faulty
I am "Mr. Mom" today, and have to run my daughter and a neighbor child
to school... I'll try to answer when I get back, but maybe someone
else will take a better swing at this...

--

73

Jack, W4PPT/M (75M SSB 2-letter WAS #1657/#1789 -- both from the mobile! ;^)

Fire Bottle Server (Boat Anchors Get Out and Keep You Warm!)

firebot1@jackatak.theporch.com

Where Old Radios and Fun ... GO TOGETHER!

+-----human interface: root@jackatak.theporch.com-----+

From boatanchors@theporch.com Thu Jan 26 13:36:27 1995

Date: Thu, 26 Jan 1995 09:42:12 -0600

Message-Id: <9501261526.AA08247@ausable.crd.Ge.Com>

From: mallick@ausable.crd.ge.com (John Mallick)

Subject: Re: Audio and cap. questions...

You wrote...

Lastly, the HV disc across the Viking II mod. secondary was faulty,
causing almost 0 modulation, and the Ranger needs the audio gain almost
full boar for 100% modulation, leading me to think that the same
capacitor (or another one in the audio stage) is causing some serious signal
loss. I plan to go through and replace the Ranger's caps just to see.
The questions are (1), does the value of that cap (across the mod.
transformer secondary) have any audio effects (higher value=treble cut,
etc..)? and (2) would it be beneficial to replace it with a 1600v poly
cap instead of a disc (in the Viking) or tubular (in the Ranger)? It seems
that the discs have inherently bad characteristics for audio (more
distortion). Am I right in assuming that polys would be both better for the
audio and more reliable than discs or tubulars? What is the purpose
of this cap anyhow?

My old 1947 ARRL Handbook shows that capacitor in its plate modulator schematics and mentions that its job is to roll off the high frequencies and contribute to intelligibility. The value is chosen to begin rolling off at about 3000 Hz.

73, John WA1HNL

From boatanchors@theporch.com Thu Jan 26 15:33:07 1995
Date: Thu, 26 Jan 1995 12:58:33 -0600
Message-Id: <93950126134539/0006082972NA1EM@MCIMAIL.COM>
From: Emil Switzer <SWITZER+_E%A1%Electromagnetic_Sciences@mcimail.com>
Subject: Re Ba Places in Albuquerque and Dallas

I am going to be going out to Albuquerque and Dallas next week on buisness and may have some free time on my hands. Are ther any BA places worth checking out? (I know about Tucker in Dallas)

Thanks

From boatanchors@theporch.com Thu Jan 26 16:15:08 1995
Date: Thu, 26 Jan 1995 13:33:23 -0600
Message-Id: <9501261433.aa04190@FSAC3.PICA.ARMY.MIL>
From: Clark Fishman (FSAC-FCD) <cfishman@fsac3.pica.army.mil>
Subject: BA Stuff

K5FO put me onto Tanner Electronics in Carrolton, TX just near DFW airport....I went there last Sat. They have a good selection of parts and lot's of chips...I bought about \$60 worth of caps, coils , balun cores and 2 8 ohm 300 watt wire wound resistors for HI-FI amp tests....

The store is at the corner of 35E and Borderline road

it is in a grouping of commerical operations in a common building...

Have fun

Clark Fishman WA2UNN Cfishman

From boatanchors@theporch.com Thu Jan 26 12:09:34 1995
Date: Thu, 26 Jan 1995 09:06:17 -0600

Message-Id: <Pine.3.89.9501260737.A11452-01000000@mm1001.theporch.com>
From: Kevin J Pease <kevin@mm1001.theporch.com>
Subject: boatanchors for sale or trade.

Kevin J Pease wb0jzg
mm1001.theporch.com

I have the following items for sale or trade. Make an offer

1 - Viking Valiant needs a set of 6146's is working but after worming up the modulation starts to get mussy. This transmitter has the w6bm audio modifications and when working corectly has good audio. The front panel has a fey scratches and chips and the case has some scatches and extra holes in places that are inconspicuous. I have a photo copy of the manual.

2 - Halicrafters sx101 reciever. This recidver works but needs a new high voltage rectifier. The original went bad. I borrowed one from another boatanchor and it works. The front panel is pretty good. The large black dial bezzel could use re-painting. Th top cover of the case has been re-painted. I have an original manual that is missing part of the foldout schematic.

3 - Halicrafters sx110 receiver.

This reciever looks real nice and works verry good. The chasis top and bottom look like new. All of the tubes have the halicrafters name on them. This is a close to mint as I have seen. I also have the matching speaker but would like to keep it. However for the right price anything is for sale. I have no manual for this receiver. The only thing wrong with it is a few burnt out pilot lights and some backlash in the main tuning dial. Both of these things should be easily remedied

4 - Johnson viking mobile transmitter.

I have a photo copy of the manual. This transmitter looks real nice. I don't have the power supply so have not tested it. It is real clean inside and out.

I will accept offers or trades for old HRO or collins or johnson transmitters or other interesting ba equipment.

From boatanchors@theporch.com Thu Jan 26 14:31:16 1995
Date: Thu, 26 Jan 1995 11:43:46 -0600
Message-Id: <9501261744.AA07354@wrdis01.robins.af.mil>

From: lakeith@wrdis01.robins.af.mil (Larry Keith)
Subject: Bone Yard Blue Book...

We seem to get a lot of pricing questions.. And, since I sporadically try to monitor the prices of boatanchors, I thought I would try to keep a running list of what I see posted here and on the newsgroups. No promises, but the intent is to update it once each month or so and forward it to Jack so that anyone can request it from theporch.com.. It's just a start, but maybe it can become something we can use. I would appreciate any comments that you might have.

73,

Larry Keith, KQ4BY
lakeith@robins.af.mil

THE BONE YARD BLUE BOOK
Version 4
January 26, 1995

This data was compiled from Bone Yard Reports and for sale notices posted to the Boatanchors list. In addition, some information was obtained from postings to the rec.radio.swap newsgroup.

This file will be updated, periodically, as new information is received. Contact Larry Keith, KQ4BY, (lakeith@robins.af.mil) if you have suggestions, corrections, and/or comments.

Manufacturer

Date	Model/Desc	Condition	Asked:
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B&W:

950123	5100 Transmitter	fair/working	\$100
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Collins:

950123	CP-1	incomplete	\$70
950125	HF 8060 Preselector	excellent	\$1600
950123	KWM-2A	nice	\$625
950123	KWM-2A with 516F-2	nice	\$625
950124	R-390	very good	\$350
950124	R-390	good	\$269
950125	R-390A	excellent	\$375
950125	51J2 General coverage receiver	Poor	\$235
950125	651S-1	good	\$1350

Drake:

950123	B-line, with FS-4	----	\$400
950126	B-line w/xtra xtals & tubes	Near Mint	\$350
950124	LOWPASS FILTER:	NIB	\$60

950125	TR72 - 2 meter/AC10 PS	----	\$150
950124	W4 WATTMETER	----	\$60

Gonset:

950123	Communicator IV (6 meters),	very clean	\$100
950124	GSB100 TRANSMITTER	excellent	\$195
050124	GSB101 LINEAR AMPLIFIER	excellent	\$275

Hallicrafters:

950124	FPM300	excellent	\$350
950124	HT32B TRANSMITTER	Very good	\$195
950124	HT37 TRANSMITTER	excellent	\$195
950123	HT-40 kit, with VFO	unassembled	\$135
950124	SR2000 HURRICANE/POWER SUPPLY	excellent	\$895
950124	SX-28/28A	parts unit	\$50- \$60
950123	SX-71	nice	\$100
950123	SX-115	good	\$20
950123	SX-115	looks/works great	\$375
950125	SX-122 w/R-51 clock speaker	good	\$235

Hammarlund:

950125	HQ-110 w/speaker	good	\$100
950124	HQ-170	-----	\$175
950124	HQ-170 with clock	-----	\$200
950124	HQ-170A	-----	\$195
950124	HQ-170A with clock	-----	\$220
950123	HQ-180	poor	\$165
950124	HXL1 LINEAR AMPLIFIER	Excellent	\$295
950124	HX50 TRANSMITTER	excellent	\$195

Heath:

950123	DX-60B	good	\$75
950123	DX-100	good	\$140
950123	HW-16 unassembled kit	incomplete	\$45
950123	HW-101 w/PS & Spkr	good	\$100
950123	QF-1 Q multiplier	decent	\$5
950126	SB-200 Linear Amp	excellent	\$300
950123	SB-220 Linear Amp		\$400 - 550
950124	SB-610 MONITOR SCOPE	Near mint	\$95
950124	SB-630 STATION CONSOLE	Near mint	\$85

Johnson

950124	INVADER 2000 AND POWER SUPPLY:	unknown	\$895
950124	PACEMAKER	unknown	\$295
950124	VIKING II	excellent	\$195
950124	VIKING THUNDERBOLT LINEAR AMPLIFIER	unk	\$475

Military:

950123	R-390A (EAC)	very good	\$300
950126	TCS-12 Xmtr, Rcvr, Acessories	good	\$200

National:

950123	NC-100	poor	\$100
050124	NC-300	Very good	\$195
950123	NC-303 w/speaker	good	\$300
950125	NCX-3 HF XCVR	good	\$250

Swan:

950125	WM-300 VHF power/SWR	good	\$59
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From boatanchors@theporch.com Thu Jan 26 16:07:41 1995

Date: Thu, 26 Jan 1995 13:17:38 -0600

Message-Id: <Pine.ULT.3.91.950126111729.14872D-1000000@ohm.elee.calpoly.edu>

From: Cal Eustaquio <ceustaqu@ohm.elee.calpoly.edu>

Subject: Re: Bone Yard Blue Book...

LARRY:

The idea on the Bone Yard Blue book is excellent. I really like the idea of getting all these prices into one singular source for reference. I'm pretty sure the rest of the BA gang would appreciate that. 73's. Cal, N6KYR

From boatanchors@theporch.com Thu Jan 26 16:10:08 1995

Date: Thu, 26 Jan 1995 13:38:19 -0600

Message-Id: <9501262006.AA104034@csemail.cropsci.ncsu.edu>

From: rdkeys@csemail

Subject: Re: Bone Yard Blue Book... and pricing

>

> We seem to get a lot of pricing questions.. And, since I sporadically
 > try to monitor the prices of boatanchors, I thought I would try to
 > keep a running list of what I see posted here and on the newsgroups.
 > No promises, but the intent is to update it once each month or so and
 > forward it to Jack so that anyone can request it from theporch.com..
 > It's just a start, but maybe it can become something we can use.
 > I would appreciate any comments that you might have.

> 73,

> Larry Keith, KQ4BY

> lakeith@robins.af.mil

Larry and others.

If you want good pricing information, from folks that are really in the know, contact someone in the Antique Wireless Association and have them make you a xerox of the prices of gear at the yearly auctions (listed in the Old Timers Bulletin journal of the AWA, each December or thereabouts.

The AWA deals with 50 year old stuff and older, so it won't be much good for things newer than just after WWII. But, these fellas know their wares, quite well.

Methinks it could be of value.....

Bob/NA4G
rdkeys@csemail.cropsci.ncsu.edu

From boatanchors@theporch.com Thu Jan 26 14:30:38 1995
Date: Thu, 26 Jan 1995 10:29:20 -0600
Message-Id: <Pine.SUN.3.91.950126112632.21314M-100000@access3.digex.net>
From: Tony Stalls <rstalls@access.digex.net>
Subject: Cannon Connectors: NOT for Vikings!

In an earlier message regarding Electronics Plus, I mentioned that they had the three conductor plugs (two pins and braid) for the Viking transmitters. I mentioned Cannon plugs, but they DO NOT fit the Amphenol connectors on the Viking Ranger. If you order, specify Amphenol, NOT Cannon.

The Cannon looks similar, but the Amphenol has it's two pins below the centerline. The Cannon has it's pins entered and has a keyway to maintain polarity. The misleading thing is that it is otherwise identical.

With regard to an earlier post regarding a dealer at a hamfest that allowed me to buy non-mating connectors, Electronics Plus was not the dealer. It was another incident from a while back. I made this error myself with nobody aiding and abetting the mistake. It would appear that my partner in the BA hobby is Mr. Murphy. ;^)

Sorry about the misinformation! I also want to make a specific apology to Jack Giehl for steering him astray and extend Jack my thanks for bringing it to my attention,

73 to all,

Tony
K4KY0

From boatanchors@theporch.com Fri Jan 27 00:16:56 1995
Date: Thu, 26 Jan 1995 21:52:26 -0600
Message-Id: <2922@sat.ampr.org>

From: ki5sl@sat.n5lyt.ampr.org (Rick_Blank)
Subject: Digest

OK, so the system got fubar'ed and I lost a lot of mail....oh
the modern, electronic world, how wonderful.... Now, where can I
get a digest of the past few days worth of BA postings?

--

Rick Blank, KI5SL
ki5sl@sat.ampr.org
2223 Blanco Road
San Antonio, Texas 78212
end

From boatanchors@theporch.com Thu Jan 26 12:09:09 1995
Date: Thu, 26 Jan 1995 08:58:04 -0600
Message-Id: <Pine.SUN.3.91.950126094124.13699A@little-miami.iac.net>
From: Bill Strangfeld <bstrang@iac.net>
Subject: Drake info

Just discovered that you can get a bibliography of QST articles about
Drakes by email from ARRL. It has items about curing "scotch" s-meters,
increased sensitivity for the 2B, etc. Email me at <bstrang@iac.net> if
you want me to forward a copy.

73, Bill WB8YUW

From boatanchors@theporch.com Thu Jan 26 14:35:19 1995
Date: Thu, 26 Jan 1995 11:12:25 -0600
Message-Id: <9501261710.AA10283@hpislst.lvld.hp.com>
From: Scott Turner <scott@hpislst.lvld.hp.com>
Subject: Re: Drake setup

> What would make a good substitute? Are any specifics known about this
> cable? Should one try to get a piece of RG-62/U for homemade cables
> or would RG-59/U be adequate, (even RG-58) ?
>

Unfortunately, I don't know. Mine is actually the only cable still in
good condition. But Drake would and when I've called, their service
person has been more than willing to provide this kind of information
over the phone. Give 'em a call. (Oh, and let me know what he says OK :-)

--

Regards,

Scott Turner KG0MR scott@hpsla.LVLD.HP.COM

From boatanchors@theporch.com Thu Jan 26 14:35:21 1995
Date: Thu, 26 Jan 1995 11:14:16 -0600
Message-Id: <9501261714.AA10309@hpslst.lvld.hp.com>
From: Scott Turner <scott@hpslst.lvld.hp.com>
Subject: Re: Drake setup

>
> 73, John WA1HNL
>
> PS...anybody have an MS-4 to sell to go with my old R4???

Better yet, anybody have two so I can get one for my TR4? Or even better, does anybody have a spare RV3 or RV4 hanging around?

(Hey, it doesn't hurt to try.)

--

Regards,

Scott Turner KG0MR scott@hpsla.LVLD.HP.COM

From boatanchors@theporch.com Thu Jan 26 15:53:58 1995
Date: Thu, 26 Jan 1995 12:48:30 -0600
Message-Id: <47EE043294D@s1.xetron.com>
From: "Jack Giehl" <JACKG@s1.xetron.com>
Subject: Re: Drake setup

Greetings BA (Drake) enthusiasts,

I've had a Drake C line for 2 years. Since I bought the transmitter and receiver at different times, I did not get any cables. I deduced that it would probably be a good idea to use RF coax (I used RG58) for the RF connections between the units. I used colored audio cables (colors aid in connecting the units) from an audio store.

I was surprised to see that I was supposed to be using some sort of low capacity coax. Hmmm, this BA list is great!!!

I, too, am interested in what I should be using for the RF interconnections.

73,

=====

Jack, WB8BFS

jackg@xetron.com

"Peak the grid, dip the plate, and keep the fire in the wire."

=====

From boatanchors@theporch.com Thu Jan 26 14:45:01 1995

Date: Thu, 26 Jan 1995 10:37:37 -0600

Message-Id: <950126163457_71333.144_DHQ104-1@CompuServe.COM>

From: don merz <71333.144@compuserve.com>

Subject: Drake, R390 4Sale

For Sale

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.

412-234-8819.

71333.144@compuserve.com

Drake B-line: Very nice cosmetic condition with some light scratches and scuffs. No obvious modifications. Original manuals included. T4XB looks and works great: \$119, AC-4, excellent: \$79; R4B, works but sensitivity is down and I noticed some corrosion on the band switch, looks very good: \$119; MS-4, excellent: \$45. All for \$330.

Collins-made R390 (not "A"). General coverage military receiver covering .5 - 32mhz. Unique mechanical digital tuning made this radio a classic. Widely regarded as one of the best SWL receivers ever made. Modular and easy to work on. This one has the meters but is missing the top and bottom covers. The original nameplate is gone but I have replaced it with a laminated photocopy. It has a few scratches and a wear mark around the kilocycle tuning knob. But it still looks good. Rackmount, no cabinet. No modifications of any kind that I can see. I just tested all the tubes and it works well, though alignment might make it work even better. With power cord and manual photocopy. \$239

Military TBX-6 transmitter/receiver only. WWII marine HF transmitter/receiver. With cover and calibration charts. Nice set in excellent condition. \$195

EL-2 AC supply for TBX-6. Excellent. \$105

BC-654 (SCR-284) legs. These clip onto the BC-654 case and make it into a real field set! \$34/set of four.

GN-4x legs: These are the straight legs that clip onto the GN-4x generators. \$17/set of 2.

GN-4x generator handles: \$12/pair.

GN-4x leg with wooden seat. Excellent condition. \$11 each

Military TS-13E handset. Used on the BC-1306 and other WWII-era backpack radios. New-in-original box. \$20

Another TS-13E, used, good: \$10

General Radio 724A "Precision Wavemeter." Made under military order number 5252-PHILA-44-05, this is an absorption-type wavemeter covering 16hz to 50mhz. It is in a felt-lined wooden case that is dirty and weathered. But inside it is in near-mint condition. The instrument itself has a beautiful wooden cabinet. The case also contains a bunch of plug-in black bakelite heads. With instructions mounted in metal frames. A treasure! \$95

811A Tubes for the ART-13. Brand new American-made 811A tubes from the ATC (ART-13) spares kit. In JAN packaging marked "ATC Spares". Unopened. \$45/pair (AES's lowest price on NEW 811A tubes is \$35 EACH)

BOATANCHOR MANUALS

Collins 75A4 professional photocopy: \$12

Drake TR-3. Excellent. \$16

Hallicrafters HT-12 Manual Photocopy: \$5

Hallicrafters S-40A clean photocopy. \$8

Hallicrafters S-40 good photocopy. \$8

Hallicrafters 5R40 Manual. Original, excellent: \$12

Heathkit HWA-2036-3 Power Supply Assembly Manual. As-new. \$5

Kenwood T599A original manual. \$18

RCA 8516 Marine Receiver manual photocopy: \$9

Swan 250C Manual Photocopy: \$11

VARIOUS HAM AND WIRELESS LITERATURE, "HB" = HardBack

Sams Tube Substitution Handbook, Vol2. 2, 1961. \$4

Brochure: "Radio, How To Make And Operate." 1922, Goldsmith Publishing Company, Cleveland, Ohio. 4" by 5" booklet (60 pages) covering crystal set and 1-tube "audion" construction. Really nice. \$23

"Tuning in On A New World" brochure published by Condensite to promote their Celoran line of panel materials. It's an introductory kind of How-To brochure covering 1 to 5 tube set construction. With schematics. Good condition. About 1924. \$12

Kenwood International Users Group Newsletter Volume 1, Number 1 through Volume 30 complete. With indexes: \$10

1960-61 Radio Amateur Callbook (U.S.). Cover poor. \$13

1971-72 Foreign Radio Amateur Callbook. Good: \$12

Radio Amateur Callbook Magazine, Winter 1935-36, cover rough. \$16

ICS Radio Operators Handbook, 1924, 1st Edition. HB: \$26

Practical Wireless Telegraphy, Elmer Bucher, 1921, SPARK!, HB: \$40

Servicing Superheterodynes, Rider, HB: \$20

Sams Ham Antenna Construction Projects, 1963, 1st Edition: \$10

World Radio/TV Handbooks, As-new: 1979: \$9

1985: \$6

1987: \$6

73 Vertical, Beam and Triangle Antennas by Ed Noll, 1970: \$7

CQ-DX Annual. 1948. 1st Edition, 1st Printing. \$12

The Audio Tape Recorder Directory, 1959-1960, fair: \$2
Bell System Technical Journal, Index to Volume 9, 1930: \$3
Rohn Tower Catalog, 1980. Useful reference for buying used towers: \$2

ARRL PUBLICATIONS 1927 ARRL Handbook. Loose cover. \$66
 1932 ARRL Handbook. Water Damage. \$33
 1956 ARRL "Operating An Amateur Radio Station:" \$3
 1958 ARRL "Operating An Amateur Radio Station:" \$3
 ARRL Antenna Book, 4th Edition, 1946: \$10
 ARRL Hints & Kinks, 1978: \$6

From boatanchors@theporch.com Thu Jan 26 15:49:11 1995
Date: Thu, 26 Jan 1995 12:46:34 -0600
Message-Id: <61860.morgan@speckle.ncsl.nist.gov>
From: "Roy Morgan" <morgan@speckle.ncsl.nist.gov>
Subject: Re: electronic organ BA, and SS

On Wed, 25 Jan 1995 23:31:14 -0600,
WJoeW@aol.com <WJoeW@aol.com> wrote:

>I have all 12 (full chromatic scale) octave tone generator PC boards for a
>Scober electronic organ.

I have a small box of solid state stuff from a Lowry organ repair
person. Big chips, a few boards in aluminum foil, spare parts.

Best offer takes all.

--

Roy --

Roy Morgan / Tech A-266 / NIST / Gaithersburg MD 20899
(National Institute of Standards and Technology, formerly NBS)
301-975-3254 Fax: 301-948-6213 Internet: morgan@speckle.ncsl.nist.gov

From boatanchors@theporch.com Thu Jan 26 13:56:48 1995
Date: Thu, 26 Jan 1995 09:29:17 -0600
Message-Id: <199501261528.KAA24080@altair.cs.unc.edu>
From: Nick England <nick@cs.unc.edu>
Subject: guide books

I have a copy of the Ham Trader Yellow Sheet "Ham Equipment Buyer's Guide" vol 1. which covers through 1972. Haven't bought any later updates because I figured they just covered equipt from 1972 on. Is this assumption correct, or do the later volumes also have additional gear of the earlier vintages ?

Someone also gave me a copy of some pages in exactly the same style as the Buyer's Guides (same print, same lousy photos) but these pages cover accessory equipt (VFOs, spkrs, converters, etc.) only - which my copy of Vol 1 does not. Does anyone know where to get the Accessory Buyer's Guide (or are these part of a later volume) ?

thanks

Nick, whose QCWA badge says KD4CPL

From boatanchors@theporch.com Thu Jan 26 20:06:39 1995
Date: Thu, 26 Jan 1995 17:38:15 -0600
Message-Id: <9501262339.AA12445@uvs1.orl.mmc.com>
From: padgett@tccslr.dnet.mmc.com (A. Padgett Peterson, P.E. Information Security)
Subject: H-500

Would whoever left the message to me about Mr. Doremus and his H-500 please resend his phone number, the one I have does not work.

Thank you,
Padgett

More T/Os always welcome, do not have one of each, yet.

From boatanchors@theporch.com Thu Jan 26 15:25:15 1995
Date: Thu, 26 Jan 1995 12:38:10 -0600
Message-Id: <Pine.SUN.3.91.950126133315.27808A@wabash.iac.net>
From: Bill Strangfeld <bstrang@iac.net>
Subject: INFO response: DRAKE.TXT (fwd)

Hello, all. There were so many requests for the list of Drake articles in QST that I decided to post it here. Please excuse the bandwidth.

73, Bill WB8YUW

----- Forwarded message -----
Date: Thu, 26 Jan 95 08:09 EST
>From: info-serv@arrl.org
To: bstrang@iac.net
Subject: INFO response: DRAKE.TXT

QST ARTICLE BIBLIOGRAPHY - Drake Equipment
Thank you for requesting the following information from the ARRL
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Information Server (Internet: info@arrl.org). ARRL HQ is glad to provide this information free of charge as a service to League members and affiliated clubs.

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ARRL Administrative Headquarters
Technical Department Secretary
225 Main St.
Newington, CT 06111

Electronic copies are also available from the following:

Telephone bulletin boards:
N8EMR - (614) 895-2553
ARRL - (203) 666-0578

Internet sites:

Info@arrl.org (E-mail only: Send an E-mail with the message text "Help" for instructions)

oak.oakland.edu (FTP - pub/hamradio/arrl/infoserver)

ARTICLE REPRINT INFORMATION

Article reprints can be obtained from the Technical Department Secretary at the address or phone number below. The nominal fee for article reprints is \$3 per article, which you will be billed.

ARRL Administrative Headquarters
225 Main St.
Newington, CT 06111
Telephone: (203) 666-1541

Back issues can be obtained from the Circulation Department at the address or phone number above. Back issues are \$5, and quantities are limited.

1976 December	QST Drake TR-4 Meter-Pointer Sticking	p. 42
1977 Feb	QST Drake R-4B VFO Problem	p. 44
1977 Sep	QST Drake R-4C, Additional RF Control	p. 45
1977 Dec	QST Drake TR-4C/R4C T-R Lever	p. 44
1977 Nov	QST Drake Transmitters, VOX Hint	p. 44
1978 Feb	QST Drake 4 Receive Drift	p. 36
1979 May	QST Drake R-4C, Pulsed Crystal Calibrator	p. 46
1979 June	QST Drake TR-4 TVI Problem Solved	p. 41
1979 June	QST Drake 2-B, Increased Sensitivity	p. 45
1980 Mar	QST Drake T-4XB, Anti-TVI Modification	p. 45
1981 June	QST Drake Transmitter Modification Just for Voice Operation	p. 37
1982 Sept	QST Drake L7 Amplifier Failure.	p. 43
1983 Jan	QST Drake T4X, Sticky VOX Relay	p. 46
1983 Apr	QST Drake "Scotch" S Meters, Curing	p. 38
1983 May	QST Drake T-4X Auxiliary Crystal Socket	p. 40
1981 May	QST General Coverage Reception with the	p. 34

Drake R-4C Receiver

From boatanchors@theporch.com Thu Jan 26 15:32:11 1995
Date: Thu, 26 Jan 1995 12:49:02 -0600
Message-Id: <Pine.3.89.9501261122.A12355-01000000@mesa5.mesa.colorado.edu>
From: "James P. Rybak" <jrybak@mesa5.mesa.colorado.edu>
Subject: Is there a "Drake Journal"?

I am familiar with the journals or newsletters for collectors and/or users of Collins equipment. Are there any similar publications for collectors and/or users of Drake equipment?

Thanks.

Jim WOKSD

From boatanchors@theporch.com Thu Jan 26 04:00:48 1995
Date: Thu, 26 Jan 1995 01:39:33 -0600
Message-Id: <9501260740.AA20381@cybernetics.net>
From: ab4el@cybernetics.net (Stephen Modena)
Subject: Re: Just in case you were wonderings...

WA5RPF wrote:

>Gosh Jack, I'm confused, so help me out here... Those of us who can actually
>read your posting are almost certainly not bouncing boatanchors mail, while
>those unfortunates whos mail is being bounced are almost certainly *not*
>able to read it. So what's the point? Just blowing off steam?

Jack's reply didn't demonstrate *directly* that logic is not on your side.

Suppose that in a given 24-hour period the BOATANCHORS listproc reflects 48 messages. Jack knows that count as an absolute.

Suppose that *your* end screws up the reception of 13 of those emails...so that when you use your email reader, you see 35 messages during that same 24-hour period.

And you assert that, having received 35 messages, there is no problem at your end? Right at this moment, reread your logical assertion above.

What Jack has, is a **file** full of error messages for the 13 "bounced" emails.

So, your line in the file of subscribers is set to POSTPONE. No mail is sent to you. Logically, the error messages from **your** misbehaving system cease forthwith! :^) Jack's work burden is suddenly **decreased**.

After a while, you wake up to the fact that "something" is amiss. You send an email to Jack asking: "What's up?"

At that point, you and Jack have a heart-to-heart. You are advised to take corrective action...now that you **know** that there is a problem.

Here is the **main** point: In the meantime that you are unaware of being POSTPOSTED, Jack's error file does **not** grow because of screw-ups on **your** end. **Jack** does not continue to play Syciphus...condemned to pushing a stone up hill...only to have it slip from his control and roll back down hill for eternity. :^)

Jack's unwarranted struggle is eased at a relatively small price...no mail sent to **you**. :^) When you recover mail delivery, you have the chance to read any "missed" mail by FTP'ing to SunSITE and retrieving from my archive...those digests that spanned the POSTPONED period.

The whole point is: nothing is lost, but the **burden** is shifted to where it ought to be...with you and your system-administrator.

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC 35.81245N, 78.65849W

From boatanchors@theporch.com Thu Jan 26 13:40:48 1995
Date: Thu, 26 Jan 1995 09:48:44 -0600
Message-Id: <Pine.3.89.9501260952.A14883-01000000@ozarks>
From: "C. Frank Gilmore" <fgilmore@ozarks.sgcl.lib.mo.us>
Subject: Re: Just in case you're wondering...

On Wed, 25 Jan 1995, Fire Bottle archive handler wrote:

> Gang-

>

> I'd really like to let this die, but it doesn't seem to want to... for
> the few unresolved ones... here's a nother quick swing:

>
> "Steven L. Farmer" <sfarmer@tulsa.com> asks:
> > Gosh Jack, I'm confused, so help me out here... Those of us who can actually
> > read your posting are almost certainly not bouncing boatanchors mail
> > ^^^^^^^^^ ^^^ ^^^^^^^^^
> Oh, how little you know. DAILY I get lists of sites who refuse
> connections, are not connected, or otherwise cause problems, usually
> with a brain-dead mailer set up by a brain-challenged sys admin. Of
> the 34 subscribers I reset last night, just for example, I doubt any
> of them had a clue that their system had been problem enough to cause
> their subscription to be "put on hold" BUT the list processor logs
> these problems to a database, and after a threshold has been crossed,
> list proc automatically postpones the subscription.

Jack I can understand the headaches and frustrations when messages bounce.
Speaking for the node I use.....lately it has crashed for as short of an
hour and as long as about sixteen hours on an all too frequent basis. It
is operated by the County-City library system and like most such
libraries is short of funds to upgrade the computer.

I can always tell when I have missed something when a reference is made
to a prior message that didn't come through. I starting getting bent out
of shape but remind myself this connection is free. Volunteer SYSOPS
from regular BBSs offered to contribute gear and time but something in
the charter apparently prohibits that.

We appreciate your work Jack! I consider this the most valuable mailing
/message list I am on.

73, Frank K0JPJ ex-W5PVX
(Vanity calls legal or not I'm not going back to "PVX" Hi!)

From boatanchors@theporch.com Thu Jan 26 15:01:22 1995
Date: Thu, 26 Jan 1995 12:02:59 -0600
Message-Id: <9501261306.aa21980@FSAC3.PICA.ARMY.MIL>
From: Clark Fishman (FSAC-FCD) <cfishman@fsac3.pica.army.mil>
Subject: Linear

AM fed thru a well adjusted linear amp should sound just fine.

The efficiency from DC to RF might be lower then using a Class C

final, but it should sound just fine.

Clark Fishman WA2UNN cfishman@pica.army.mil

From boatanchors@theporch.com Thu Jan 26 15:57:30 1995
Date: Thu, 26 Jan 1995 13:22:41 -0600
Message-Id: <9501261923.AA22647@unlinfo2.unl.edu>
From: djw@unlinfo.unl.edu (Daniel Wright)
Subject: NIB R390A FREE!!

*****NOT!!*****

But now that I have your attention, does anybody know what the selling price for a mint, recently re-aligned, winged 75S3B might be?? I'd like to help my friend find an honest selling price and of all the BA-netters, Paul Veltman is the only one who responded so far. Thanks Paul!!

73(and I mean it)de Dan -- WA0JRD ..

From boatanchors@theporch.com Thu Jan 26 16:22:18 1995
Date: Thu, 26 Jan 1995 13:31:24 -0600
Message-Id: <9501261933.AA29734@wrdis01.robins.af.mil>
From: lakeith@wrdis01.robins.af.mil (Larry Keith)
Subject: Pre-Dayton Sale # 3

Drake R-4A/T-4X/AC-3/MS-4 Good condition. New finals installed in T-4X (need to finish neutralization). This has been my main rig for the past two years. With manuals. \$350

Drake TR-3/AC-4. Not working. Good cosmetic condition. I have never operated this one. Received it, plugged it in, noted that it would not receive and put it back on the shelf. With TR-3 manuals. \$150

Drake TR-4C/RV-4C/AC-4. Good condition. Finals may be soft and calibration is off about 2 kc. This was my previous main rig. I have had it since 1987 or so. \$300

Drake DC-4 Power Supply. Provides power for TR-* and T-4* rigs. No cables and no manual. Have never plugged it in. Rare. \$50.

Drake MN-2000 Antenna Tuner. Bought this with the TR-4C. Good condition. With manual. \$200

Hammarlund HQ-110 Receiver and matching speaker. Good condition. Some corrosion around the filter cap on the chassis. Working. Calibration is off. With manual. \$100. (note, I may have a separate deal working on the speaker..)

Hammarlund HQ-129-X Receiver. Restoration project. Poor to fair.

Cabinet would have to be refinished, in my opinion. Panel could be touched up. With manual. \$50

Heathkit Apache Transmitter. Good cosmetic condition. Not working. Seller told me: "It blew a fuse last time I turned it on." With manual. \$75

Heathkit Marauder Transmitter (Parts unit). No cabinet. Missing some crystals and knobs. \$25

Heathkit SB-100 Transceiver with HP-23 Power Supply and matching speaker. Fair to Good condition. Have a CW filter that goes with it. Receives and it put power into a dummy load when I tested it. With Manual. \$150

Lysco Transmaster Transmitter. Good cosmetic condition. Have never plugged it in. Missing dial cord and low pass filter housing is bent. With Manual. \$140.

J-38 Telegraph Key. With box. Average condition. Dusty. \$30.

Nye Viking Code Practice Oscillator remnants. SpeedX key is missing a knurled connection nut and the spring. Oscillator does not work and the cover is missing from the oscillator module. \$10.

MFJ Code Practice Oscillator. Cheap key mounted on a plate with a oscillator at one end. Good condition. Working. \$20 or ??

Bud Codemaster Code Practice Oscillator from the 50's or 60's. This is the big thing, using two tubes in an AC/DC circuit. Not working. Fair cosmetic condition. Similar to the Ameco units that were sold about the same time. \$10

HP608C or D Signal Generator. 10 to 500 mc. Lights up. Looks complete and OK. Have never used it. Heavy! \$50

Tektronix 545A Scope with a half dozen plug ins. Never used it. Looks OK. Power connector was broken during my last move. But, I have a replacement to throw in. One of the plugins is a spectrum analyzer. No manuals. Heavy. \$150 or ??

Shipping is not included in listed prices. If you want more info, email me.

Larry Keith, KQ4BY
lakeith@robins.af.mil

From boatanchors@theporch.com Thu Jan 26 17:12:37 1995
Date: Thu, 26 Jan 1995 14:34:33 -0600
Message-Id: <9501262037.AA10290@cen.com>
From: gc@fox.gsfc.nasa.gov (Gary Chatters)
Subject: Re: Pre-Dayton Sale # 3

Among items in Larry's list:

>
>HP608C or D Signal Generator. 10 to 500 mc. Lights up. Looks
>complete and OK. Have never used it. Heavy! \$50
>
A good, if somewhat heavy, VHF signal generator. A good price, too,
if working, unless prices on these have come down without me noticing.

Any UHF types thinking of one of these for tuning up their 440 radios
should note that the upper frequency limit in the HP608D is 420 Mc,
not quite high enough. The HP608C goes to 480Mc.

I already have a couple of these (one working, one not) as well
as a newer model signal generator, so I won't be taking this one.

73,

Gary

From boatanchors@theporch.com Thu Jan 26 13:46:36 1995
Date: Thu, 26 Jan 1995 10:35:19 -0600
Message-Id: <01HMAS7MJ8S2CML0LD@tntech.edu>
From: cfm5723@tntech.edu (Conard Murray)
Subject: R390 hum solved

Thanks to all the responses about the hum problem with strong signals. I
found the source of the problem last night. I have the 390 in a rack with a
NC173R and a Lakeshore Phasemaster. I have this rack far enough from the
main wall outlet to require an extension cord to run the whole mess. The
ground wire was open in the cord. All I had to do was ground the rack to the
station ground and now I have nice clean audio. I guess the AC line filter
in the 390 is going bad.

Later de Conard WS4S 73

From boatanchors@theporch.com Thu Jan 26 22:28:45 1995
Date: Thu, 26 Jan 1995 19:45:51 -0600
Message-Id: <8A253A8.000400E004.uuout@freddy.supernet.ab.ca>
From: shaun.merrigan@freddy.supernet.ab.ca (SHAUN MERRIGAN)

Subject: R390A HELP PLEASE!

CM> Speaking of AGC, does anyone have the circuit for an outboard gizmo
CM> for making SSB sound decent on the 390? I remember seeing them in
CM> the past, but the module was potted.

If you can get ahold of the Hollow State Newsletter, issue #27, Dallas
Lankford has a 6 page mod for the R390A AGC/BFO to give excellent SSB
and CW results. The nice part is, that only one part of the mod touches
the R390A mainframe. (90% of the mod is on the IF subchassis) So you can
throw in an unmodified IF subchassis at any time, for resale
comparison, or whatever.

HSN #26 has a good article on R390A audio impedance matching which may be
of interest.

HSN publisher:
Ralph Sanserino
P.O. Box 1831
Perris CA 92572-1831

Shaun P. Merrigan
shaun.merrigan@freddy.supernet.ab.ca
merrigan@nyquist.ee.ualberta.ca

2nd Year EE/University of Alberta
"Resistance is Futile,
Conductance is 1/Futile
Susceptance is dangerous
Admittance is out of the question"

* RM 1.3 01775 * With clothes - new are best, with friends - old are best.

From boatanchors@theporch.com Thu Jan 26 22:42:38 1995
Date: Thu, 26 Jan 1995 19:42:10 -0600
Message-Id: <Pine.3.07.9501262028.A14818-a100000@acme>
From: Lynn Stolz <lstolz@freenet.columbus.oh.us>
Subject: Source for Ballantine 300H Manual?

This is a somewhat amended replay of an earlier post. Sorry if I offend
anyone.

I am looking for a copy of the manual for the Ballantine 300H AC VTVM. It is a later model of the classic 300A AC VTVM. It has 4 6AU6's, one 0A2 regulator and a 6X4 rectifier. It has a 6 position switch for full scale AC volts from .003 to 300. I use it for receiver alignment. I would like to be able to verify its alignment, hence the request.

Roy Morgan: Thanks for your efforts.

I have the manual for the earlier 300A if anyone needs a copy.

BTW: Is the AM Window a Heavy Metal Band? :^)

Lynn Stolz N8AJ --l stolz@freenet.columbus.oh.us

From boatanchors@theporch.com Thu Jan 26 13:52:18 1995
Date: Thu, 26 Jan 1995 10:53:21 -0600
Message-Id: <9501261652.AA02353@autopsy.corp.sgi.com>
From: anders@autopsy.corp.sgi.com (Greg Anders)
Subject: Sourcing 6JB6's

I'm looking for a pair of 6JB6s as a backup for my Drake T4XC. Anyone out there found a reliable supplier among the various distributors in the US?

Greg Anders

"One doesn't discover new lands without consenting to lose sight of the shore for a very long time."

Andre Gide
French Novelist

Manager, Strategic Services, SGI.
anders@autopsy.corp.sgi.com
KG6YV

From boatanchors@theporch.com Thu Jan 26 22:45:18 1995
Date: Thu, 26 Jan 1995 19:46:11 -0600
Message-Id: <8A253AA.000400E005.uuout@freddy.supernet.ab.ca>
From: shaun.merrigan@freddy.supernet.ab.ca (SHAUN MERRIGAN)
Subject: SP-600 TRIVIA

While doing some cleaning and organizing of some BA data (paper) I came across an SP-600 Manual (SP-600J-SP600JX) dated May 1966 (reprint of issue 7 - May, 1956).

In the back of the manual there is a "supplement" page which gives additional circuit data for the SP-600-JL, SP-600-JLX, and the SP-600-J25. I thought that these data may be interesting for Hammerlund trivia fans, and fellow SP-600 owners:

SP-600-JL: Frequency Coverage (mc)

.100-.200
.200-.400
1.35-3.45
3.45-7.40
7.40-14.8
14.8-29.7

SP-600-JLX: same frequency coverage as -JL but with crystal controlled channels

SP-600-J25: no crystal control unit (no "x" designation) and a power transformer suitable for 25Hz operation (hence the "25")

On the front cover of this manual, it says "Hammerlund Manufacturing Company A Giannini Scientific Co. "

More trivia: there is mention made of a rack mount conversion kit 31478-G to convert a table model into a rack mount. The kit consisted of bottom cover plate a top cover plate, and assorted hardware.

I would guess that the SP-600-JL-JLX, would be the JAN level equivalent of the SP-600-VLF.

Shaun P. Merrigan
shaun.merrigan@freddy.supernet.ab.ca
merrigan@nyquist.ee.ualberta.ca

2nd Year EE/University of Alberta

"Resistance is Futile,
Conductance is 1/Futile
Susceptance is dangerous
Admittance is out of the question"

* RM 1.3 01775 * Some men are discovered; others are found out.

From boatanchors@theporch.com Thu Jan 26 12:00:28 1995
Date: Thu, 26 Jan 1995 09:37:18 -0600
Message-Id: <199501261536.IAA15197@atd.atd.ucar.EDU>
From: owens@stout.atd.ucar.edu (Chip Owens)
Subject: TCS-12/David Stinson

Sorry to make a general posting but don't have better way to contact...

Dave, Can you e-mail me a phone number so we can work out details?

James Owens, NW00
owens@stout.atd.ucar.edu

From boatanchors@theporch.com Thu Jan 26 13:19:00 1995
Date: Thu, 26 Jan 1995 10:04:34 -0600
Message-Id: <199501261602.IAA24749@netcom14.netcom.com>
From: dgf@netcom.com (David Feldman)
Subject: VHF amp using 4-1000s (military/FAA?)

Has anyone heard of something fitting this description?

The following quote is attributed to Steve K00U/4, sharriso@quincy.sysplan.com.

"I, too remember seeing pictures push-pull 4-1000A amps for 150 MHz, although I've never seen nor heard of one on 144 MHz. I know the FAA used to have push-pull 4-1000As covering 118 to 138 MHz (plate-modulated AM), and believe there was a military equivalent that covered 118 to 152 MHz. I've never seen either of these, however."

Do any boat people know anything about such a beastie? I've got a few 4-1000's I'd like to put on 2M (144 MHz) and such a critter would be a better starting point than scratch. I'd be interested in info, leads, or even an actual unit that might be for sale.

Thanx!! 73 Dave WB0GAZ

E-mail comments to: dgf@netcom.com

From boatanchors@theporch.com Thu Jan 26 02:25:54 1995
Date: Thu, 26 Jan 1995 00:01:06 -0600
Message-Id: <199501260559.VAA08438@netcom10.netcom.com>
From: rmccarty@netcom.com (roger mccarty)
Subject: Viking II Schematic Needed

Hey guys,

I need to get a copy of a Johnson Viking II Schematic. A photocopy is FB or if anyone has an original manual to sell, I would be deeply appreciative either way.

I also need to get a schematic of a Hammarlund HQ170A VHF Schematic. I have a problemn in the 2m Converter and the HQ170A (No VHF) does not cover it.

Thanks very much

Roger KD6CC
E-Mail to rmccarty@netcom.com

From boatanchors@theporch.com Thu Jan 26 11:08:07 1995
Date: Thu, 26 Jan 1995 08:40:56 -0600
Message-Id: <2885@sat.ampr.org>
From: ki5sl@sat.n5lyt.ampr.org (Rick_Blank)
Subject: Where's the BA's

Havent heard anything from the BA group in a couple of days, did it die?

--

Rick Blank, KI5SL
ki5sl@sat.ampr.org
2223 Blanco Road
San Antonio, Texas 78212
end

From boatanchors@theporch.com Thu Jan 26 15:39:16 1995
Date: Thu, 26 Jan 1995 12:41:38 -0600
Message-Id: <9501261129.ZM8901@ws11.iac.honeywell.com>
From: "Steve Cornelius" <scornelius@ips.iac.honeywell.com>
Subject: Who had the FTdx-560 for trade?

H'lo, sorry for the imminent noise...

Someone posted about a Yaesu FTdx-560 needing work that they wanted to trade early this week. I forwarded this to a friend here who's looking for one, but the return address got hosed and lost in the process.

If you still want to swap, please mail me, or him directly at:
dphillips@server2.iac.honeywell.com (Dave Phillips, KB7JS). He's looking for a unit like that, and his junkbox is much better stocked than mine :)

Thanx y'all...

- steve

--

Steve Cornelius | If you *don't* like airplane noise,
Phoenix, AZ, USA | then why in the #*!! did you buy a
scornelius@server2.iac.honeywell.com| house next to an airport !?

Not a Honeywell opinion.

From boatanchors@theporch.com Thu Jan 26 05:03:40 1995
Date: Thu, 26 Jan 1995 02:41:59 -0600
Message-Id: <199501260840.AAA01493@netcom5.netcom.com>
From: halwaite@netcom.com (Hal R. Waite)
Subject: WTB: Hallicrafters HT-32A or HT-32B

I'm still looking for and excellent-plus to mint-minus HT-32A or HT-32B. I specify these because they have built-in push-to-talk circuitry. If you remember when SSB came in, VOX was all the rage until the novelty wore off and the inconvenience of that method became apparent.

If cash doesn't pry your hands loose from one of these transmitters, I have the following items for trade (which is probably better for the BA collecting hobby anyway):

NC-183D and Matching Speaker- near mint, never have seen a nicer one.
HQ-140X- near mint and HQ-170A near mint (neither with speaker).

I also have non-BA radios for trade (which, of course, cannot be listed here) as well as tubes and sockets, parts, and even older cameras. Help me fill the empty space next to my SX-115! Thanks.

Hal K4GFI/7 halwaite@netcom.com

From boatanchors@theporch.com Thu Jan 26 15:03:48 1995
Date: Thu, 26 Jan 1995 11:28:18 -0600
Message-Id: <01HMAW7FVYQQHWE2M0@ACAD.FANDM.EDU>
From: CCS_MAH@ADMIN.FANDM.EDU (Mark Hemlick Ph. D.)
Subject: Re: ZF17XG@&\$!

Hi Ben and others.

Ham Trader Yellow Sheets sells guide books to older equipment, BA and non-BA. I think you can get one for periods covering 1950-80. I don't recall much more about it but they advertise it in every issue and the price is about \$29. Also, I'm reposting Don Merz's "Shameless" advertisement for old '73 magazines, some of which Don dutifully noted to contain extensive reviews of BA's.

>From Don:

> WARNING: This post looks informational, but it is really a
> SHAMELESS ADVERTISEMENT!
>
> As your hamfesting this year, keep your eyes open for the following
> issues of 73 MAGAZINE. These are valuable references for anyone who
> shops for boatanchors.
>
> 5/62: The WOHKF Receiver Anthology listing (no photos) of all
> ham receivers made since 1930 with year introduced and
> the introductory price.
> 3/63: Receiver Buying Guide NOT JUST FOR 1963--this review tries
> to cover all popular ham receivers ever made. With photos,
> specs, years of production, original list price and 1963
> used price. This is a must-own reference.
> 4/63: First HF SSB Transciever special issue. Nice.
> 10/63: Wayne Green's Annual Buyers Guide covering only gear that was
> available at that time. Descriptions and photos everywhere.
> Great coverage of everything you can think of. Excellent!
> 4/65: The second 73 HF SSB Transciever special issue. Big, crisp
> photos, specs and descriptions.
> 4/67: Review of HF SSB Receivers, Transmitters and Transcievers.
> Specs, descriptions, photos, the works. Excellent.
> 12/68: Transciever Review Issue with photos: SB-101 thru KWM-2 and
> everything in between.
> 12/69: 1970 Amateur Radio Buyers Guide. Short descriptions but
> great photos. Nice coverage of accessories.
> 4/71: The FM Marketplace. All the early FM VHF mobile and HT gear
> is pictured and described...back in the days when Japanese
> manufacturers didn't dare put their own names on the rigs.
>

> SHAMELESS AD: I have all these issues for sale...as part of a
> complete set of 73 covering 1962 - 1980 inclusive. The entire
> set is \$150 plus shipping.
> Don Merz, N3RHT
> 412-234-8819
> 71333.144@compuserve.com

73 Mark KA3LFG